Climate Change and Human Health Literature Portal

National Institute of Environmental Health Sciences

Waiting for the tiger: Establishment and spread of the Aedes albopictus mosquito in Europe

Author(s):	Scholte EJ, Schaffner F
Book:	Emerging Pests and Vector-borne Diseases in Europe
Year:	2007
Series:	Ecology and Control of Vector-Borne Diseases, 1
Publisher:	Wageningen Academic Publishers (Wageningen, The Netherlands)

Abstract:

The Asian tiger mosquito Aedes albopictus Skuse is so called because of its black and white patches which adorn its legs and body. It is well known throughout the World, apart from the biting nuisance, especially because of its vectorial role in Chikungunya and dengue outbreaks, and its ability to invade new territories. In this chapter the focus is on its recent distribution and spread in Europe. Furthermore, introduction routes are discussed, as well as recommendations regarding options for control.

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Resource Description

Exposure : ☒

weather or climate related pathway by which climate change affects health

 Ecosystem Changes, Human Conflict/Displacement, Temperature

> **Temperature:** Fluctuations

Geographic Feature: ☒

resource focuses on specific type of geography

 None or Unspecified

Geographic Location: ☒

resource focuses on specific location

 Non-United States

> **Non-United States:** Europe

Health Impact: ☒

specification of health effect or disease related to climate change exposure

 Infectious Disease

Infectious Disease: Vectorborne Disease

Vectorborne Disease: Mosquito-borne Disease

Mosquito-borne Disease: Chikungunya, Dengue

Intervention: ☒

strategy to prepare for or reduce the impact of climate change on health

 A focus of content

Mitigation/Adaptation: ☒

mitigation or adaptation strategy is a focus of resource

 Adaptation

Resource Type: ☒

format or standard characteristic of resource

 Review

Timescale: ☒

time period studied

 Time Scale Unspecified

Vulnerability/Impact Assessment: ☒

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

 A focus of content